# 0270002, 0270018, 0270019, 0270020, 0270021 0270022, 0270024

# BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Humphreys Conter Supply Name Assn. # 1, #3, #6

2700 | X1 2700 | 9: 2700 2

List PWS 10 #s for all Water Systems Covered by this CCK

The Federal Safe Drinking Water Act requires each community public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please .	nswer the Following Questions Regarding the Consumer Confidence Report	
×	Customers were informed of availability of CCR by: (Anach copy of publication, water bill or other)	
-	Advertisement in local paper On water bills Other	
	Date customers were informed: Lo 126089	
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:	
	Date Mailed/Distributed: / 1	
×	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)	
•	Name of Newspaper: Belzen's Banner	
	Date Published:/	
¬	CCR was posted in public places. (Attach list of locations)	
	Date Posted: / /	
0	XR was posted on a publicly accessible internet site at the address: www	
	ICATION	
consiste	certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system and manner identified above. I further certify that the information included in this CCR is true and correct and t with the water quality monitoring data provided to the public water system officials by the Mississippi Stant of Health, Bureau of Public Water Supply.	in is te
Name	the Fresident Mayor, Owner, etc.)	
	Mail Completed Form to: Bureau of Public Water Supply/F.O. Box 1700/Jackson, MS 39215  Phone: 601-576-7518	

### BUREAU OF PUBLIC WATER SUPPLY

#### CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

The Federal Safe Drinking Water Act requires each community public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please .	Answer the Following Questions Regarding the Consumer Confidence Report
×	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper  On water bills Other
	Date customers were informed: 6 12609
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
	Date Mailed/Distributed:/_/
	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper:
	Date Published:/i
C C	CCR was posted in public places. (Attach list of locations)
	Date Posted: / / .
ū	CCR was posted on a publicly accessible internet site at the address: www
	FICATION
the fore	y certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in and reanner identified above. I further certify that the information included in this CCR is true and correct and is not with the water quality monitoring data provided to the public water system officials by the Mississippi Statement of Health, Bureau of Public Water Supply.
Sel. Name	Whether Constant Pone Le/29/09  Title (Prephilani, Maror, Owner, etc.)  Date
	Mail Completed Form to: Bureau of Public Weter Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

270002

# 2008 Annual Drinking Water Quality Report **Humphreys County Water Association** System #4 - C&M

### Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

# Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline

# Where does my water come from?

Our water is drawn from the Sparta Sand Aquifer by a well located on 16th Section Road in the Gooden Lake community.

# Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy

# Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

### Other information:

If you want additional information about your drinking water or have questions concerning this report, you may contact us at 247-4145. If you would like to attend one of our regular monthly meetings, please call for the date and time of our meetings.

# Additional Information for Lead:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Humphreys County Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

HCWA #4 - C&M

2

Water Quality Data Table

The following table lists all of the drinking water contaminants that we detected during the 2008 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data, presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

### Terms and Abbreviations used in the Table

MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCL: the MCLGs as feasible using the best available treatment technology. AL:

Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water

Canta	1			TEST F	RESULTS	S		
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit of Measure	MCLG	MCL	Likely Source of Contamination
Inorganic Co								
Barium Fluoride	No	2008	0.001	Ō	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
	No	2008	0.147	0	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and
Selenium	No	2008	0.001	0	ppm	0.05	0.05	aluminum factories  Discharge from petroleum and metal refineries; erosion of natural deposits; discharge
∕olatile Organ	nic Contam	inants						from mines
TTHM [Total rihalomethanes]	No	2008	0.015	0	ppm	0.08	0.08	By-product of drinking water chlorination
	No No	2008	0.011	0	ppm	0.06	0.06	By-product of drinking water disinfection

No samples required in 2008.

The above table only reports the contaminants that were found in our water. The following list of contaminants were tested for, in the year indicated, and were not detected in our water.

Microbiological Contaminants:

Total Coliform Bacteria - tested for monthly Fecal Coliform and E. Coli - tested for monthly

Inorganic Contaminants:

Antimony (2008), Arsenic (2008), Beryllium (2008), Cadmium (2008), Chromium (2008), Cyanide (\*2008), Mercury (2008), Thallium (2008), Nitrate (2008), Nitrite (2008),

#### Units Description:

parts per million, or milligrams per liter (mg/1) ppb: parts per billion, or micrograms per liter (ug/l) picocuries per liter (a measure of radioactivity)

% of monthly positive samples: Percent of samples taken monthly that were positive



### 2008 Annual Drinking Water Quality Report Humphreys County Water Association System #4 – C&M

### Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

### Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

### Where does my water come from?

Our water is drawn from the Sparta Sand Aquifer by a well located on 16th Section Road in the Gooden Lake community.

### Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy of this plan is available upon request.

### Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

### Other information:

If you want additional information about your drinking water or have questions concerning this report, you may contact us at 247-4145. If you would like to attend one of our regular monthly meetings, please call for the date and time of our meetings.

#### Additional Information for Lead:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Humphreys County Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601-576-7582 if you wish to have your water tested.

#### \*\*\*\*\*MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides, beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply at 601-576-7518.

### Water Quality Data Table

The following table lists all of the drinking water contaminants that we detected during the 2008 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data, presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

#### Terms and Abbreviations used in the Table

MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

#### **TEST RESULTS**

				ILOII	CLOOLIC	•		
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding	Unit of Measure	MCLG	MCL	Likely Source of Contamination
				MCL/ACL				
Disinfectants (There is con				infectant is nece	ssary for con	trol of microb	ial contamin	ants)
Chlorine (as Cl2)	No	2008	1.77	1.03 – 1.94	ppm	4	4	Water additive used to control microbes
Inorganic Coi	ntaminants	3						
Barium	No	2008	0.001	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride	No	2008	0.147	0	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Selenium	No	2008	0.001	0	ppm	0.05	0.05	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Volatile Orga	nic Contar	ninants						
TTHM [Total Trihalomethanes]	No	2008	0.015	0	ppm	0.08	0.08	By-product of drinking water chlorination
HAA5	No	2008	0.011	0	ppm	0.06	0.06	By-product of drinking water disinfection

<sup>\*</sup> No samples required in 2008.

The above table only reports the contaminants that were found in our water. The following list of contaminants were tested for, in the year indicated, and were not detected in our water:

Microbiological Contaminants:

Total Coliform Bacteria - tested for monthly Fecal Coliform and E. Coli - tested for monthly

Inorganic Contaminants:

Antimony (2008), Arsenic (2008), Beryllium (2008), Cadmium (2008), Chromium (2008), Cyanide (\*2006), Mercury (2008), Thallium (2008), Nitrate (2008), Nitrite (2008).

#### **Units Description:**

ppm: parts per million, or milligrams per liter (mg/1)
ppb: parts per billion, or micrograms per liter (ug/l)
pCi/l: picocuries per liter (a measure of radioactivity)

% of monthly positive samples: Percent of samples taken monthly that were positive

Per 6/26/09

# 2008 Annual Drinking Water Quality Report Humphreys County Water Association System #1 - Midnight

27/18

### Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

### Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

### Where does my water come from?

Our water is drawn from the Sparta Sand Aquifer by a well located on the south side of Midnight.

### Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy of this plan is available upon request.

# Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

#### Other information:

If you want additional information about your drinking water or have questions concerning this report, you may contact us at 247-4145. If you would like to attend one of our regular monthly meetings, please call for the date and time of our meetings.

HCWA #1 - Midnight 2

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The following table lists all of the drinking water contaminants that we detected during the 2008 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data, presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

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AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

#### **TEST RESULTS**

				IESIF	KESULIS	1		
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit of Measure	MCLG	MCL	Likely Source of Contamination
Inorganic Cor	ntaminant	S						
Barium	No	2008	.006	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	No	2008	.0005	0	ppm	0.1	0.1	Discharge from steel and pulp mills; erosion of natural deposits
Volatile Orgai	nic Contar	minants						
TTHM [Total Trihalomethanes	No	2008	.015	0	ppm	0.08	0.08	By-product of drinking water chlorination
HAA5	No	2008	.011	0	ppm	0.06	0.06	By-product of drinking water disinfection

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% of monthly positive samples: Percent of samples taken monthly that were positive

#### PROOF OF PUBLICATION OF NOTICE

State of Mississippi County of Humphreys

SS

Before me, the undersigned authority, in and for the County and State aforesaid, this day personally appeared, Julian Toney III, who being by me first duly sworn, states on his oath that he is the Publisher of THE BELZONI BANNER, a weekly newspaper, published in the City of Belzoni, in the County and State aforesaid; and affiant further states that said newspaper has been established and has been continuously published in the City, County and State aforesaid for more than ten years next prior to the first publication of the notice, copy of which is hereto attached; and affiant further states that the publication of said notice, copy of which is attached hereto, has been made in said newspaper number of times and number of words as follows, to-wit:

TIMES

**WORDS** 

**Dated** 

1

No.

Volume

101

24

July 1, 2009

Signed

Sworn to and subscribed before me this the 1

day of July, 2009

(SEAL)

Notary Public

Printer's Fee

\$171.75

Published for

**HC Water Association** 

In reference to

Midnight Water Report

270018

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27/18

# 2008 Annual Drinking Water Quality Report Humphreys County Water Association System #1 - Midnight

### Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

### Do I need to take special precautions?

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### Where does my water come from?

Our water is drawn from the Sparta Sand Aquifer by a well located on the south side of Midnight.

### Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy of this plan is available upon request.

### Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

#### Other information:

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### **Water Quality Data Table**

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AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

#### **TEST RESULTS**

				1 - 0 1 1	(ECCE   C			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit of Measure	MCLG	MCL	Likely Source of Contamination
Disinfectants	& Disinfed	ction By-Pr	roducts					
(There is con	vincing evide	ence that add	dition of a dis	infectant is nece	ssary for con	trol of micro	bial contam	inants)
Chlorine (as Cl2)	No	2008	1.61	0.61 1.74	ppm	4	4	Water additive used to control microbes
Inorganic Cor	ntaminants	S						
Barium	No	2008	.006	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	No	2008	.0005	0	ppm	0.1	0.1	Discharge from steel and pulp mills; erosion of natural deposits
Volatile Organ	nic Contar	minants						
TTHM [Total Trihalomethanes]	No	2008	.015	0	ppm	0.08	0.08	By-product of drinking water chlorination
HAA5	No	2008	.011	0	ppm	0.06	0.06	By-product of drinking water disinfection

<sup>\*</sup> No samples required in 2008.

The above table only reports the contaminants that were found in our water. The following list of contaminants were tested for, in the vear indicated, and were not detected in our water:

Microbiological Contaminants:

Total Coliform Bacteria - tested for monthly

Fecal Coliform and E. Coli - tested for monthly

Inorganic Contaminants:

Antimony (2008), Arsenic (2008), Beryllium (2008), Cadmium (2008), Cyanide (2008), Fluoride (2008), Mercury (2008),

Selenium (2008), Thallium (2008), Nitrate (2008), Nitrite (2008).

#### **Units Description:**

ppm: parts per million, or milligrams per liter (mg/1) ppb: parts per billion, or micrograms per liter (ug/l) pCi/l: picocuries per liter (a measure of radioactivity)

% of monthly positive samples: Percent of samples taken monthly that were positive

Rec 6/26/09

# 2008 Annual Drinking Water Quality Report Humphreys County Water Association System #3 - Jaketown

Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

### Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

### Where does my water come from?

Our water is drawn from the Sparta Sand Aquifer by a well located on the west side of Highway 7 at the Jaketown community.

### Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy of this plan is available upon request.

### Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

#### Other information:

If you want additional information about your drinking water or have questions concerning this report, you may contact us at 247-4145. If you would like to attend one of our regular monthly meetings, please call for the date and time of our meetings.

HCWA #3 - Jaketown 2

### **Water Quality Data Table**

The following table lists all of the drinking water contaminants that we detected during the 2008 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data, presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

#### Terms and Abbreviations used in the Table

MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCL: the MCLGs as feasible using the best available treatment technology.

AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

#### TEST RESULTS

			ILSIP	/ ころひに 1・	3		
Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit of Measure	MCLG	MCL	Likely Source of Contamination
ntaminant	S						
No	2008	0.007	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
No	2008	0.002	0	ppm	0.1	0.1	Discharge from steel and pulp mills erosion of natural deposits
No	2008	0.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
No	2008	1	1	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposit
No	*2006	0.001	0	ppm	0.05	0.05	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
nic Contar	minants						······ <del>-</del>
No l	2008	0.011	0	ppm	0.08	0.08	By-product of drinking water chlorination
No )	*2007	0.005	0	ppm	0.06	0.06	By-product of drinking water disinfection
	Y/N  ntaminants  No  No  No  No  No  No  No  No  No  N	Y/N         Collected           ntaminants         No         2008           No         2008           No         2008           No         2008           No         *2006           nic Contaminants           No         2008           No         *2008           No         *2007	Y/N         Collected         Detected           ntaminants           No         2008         0.007           No         2008         0.002           No         2008         0.2           No         2008         1           No         *2006         0.001           nic Contaminants         No         2008         0.011           No         *2007         0.005	Violation Y/N         Date Collected         Level Detected         Range of Detects or # of Samples Exceeding MCL/ACL           Intaminants         No         2008         0.007         0           No         2008         0.002         0           No         2008         0.2         0           No         2008         1         1           No         *2006         0.001         0           nic Contaminants         No         2008         0.011         0           No         *2007         0.005         0	Violation Y/N         Date Collected         Level Detected         Range of Detects or # of Samples Exceeding MCL/ACL         Unit of Measure of Samples Exceeding MCL/ACL           No         2008         0.007         0         ppm           No         2008         0.002         0         ppm           No         2008         0.2         0         ppm           No         2008         1         1         ppb           No         *2006         0.001         0         ppm           nic Contaminants         No         2008         0.011         0         ppm           No         *2007         0.005         0         ppm	Y/N         Collected         Detected of Samples Exceeding MCL/ACL         Measure of Samples Exceeding MCL/ACL           No         2008         0.007         0         ppm         2           No         2008         0.002         0         ppm         0.1           No         2008         0.2         0         ppm         1.3           No         2008         1         1         ppb         0           No         *2006         0.001         0         ppm         0.05           nic Contaminants         No         2008         0.011         0         ppm         0.08           No         *2007         0.005         0         ppm         0.06	Violation Y/N         Date Collected         Level Detected         Range of Detects or # of Samples Exceeding MCL/ACL         Unit of Measure of Samples Exceeding MCL/ACL         MCLG         MCL           No         2008         0.007         0         ppm         2         2           No         2008         0.002         0         ppm         0.1         0.1           No         2008         0.2         0         ppm         1.3         AL=1.3           No         2008         1         1         ppb         0         AL=15           No         *2006         0.001         0         ppm         0.05         0.05           nic Contaminants         No         2008         0.011         0         ppm         0.08         0.08           No         *2007         0.005         0         ppm         0.06         0.06

<sup>\*</sup> No samples required in calender year 2008.

The above table only reports the contaminants that were found in our water. The following list of contaminants were tested for, in the year indicated, and were not detected in our water:

Microbiological Contaminants:

Total Coliform Bacteria - tested for monthly

Fecal Coliform and E. Coli - tested for monthly

Inorganic Contaminants:

Antimony (2008), Arsenic (2008), Beryllium (2008), Cadmium (2008), Cyanide (2008), Fluoride (2008), Mercury (2008), Selenium (2008), Thallium (2008), Nitrate (2008), Nitrite (2008).

#### **Units Description:**

parts per million, or milligrams per liter (mg/l) ppm: ppb: parts per billion, or micrograms per liter (ug/l) pCi/l:

picocuries per liter (a measure of radioactivity)

% of monthly positive samples: Percent of samples taken monthly that were positive

#### PROOF OF PUBLICATION OF NOTICE

State of Mississippi County of Humphreys

SS

Before me, the undersigned authority, in and for the County and State aforesaid, this day personally appeared, Julian Toney III, who being by me first duly sworn, states on his oath that he is the Publisher of THE BELZONI BANNER, a weekly newspaper, published in the City of Belzoni, in the County and State aforesaid; and affiant further states that said newspaper has been established and has been continuously published in the City, County and State aforesaid for more than ten years next prior to the first publication of the notice, copy of which is hereto attached; and affiant further states that the publication of said notice, copy of which is attached hereto, has been made in said newspaper number of times and number of words as follows, to-wit:

**TIMES** 

**WORDS** 

1

Volume No. **Dated** 

101

24

July 1, 2009

Signed:

Sworn to and subscribed before me this the

July, 2009 day of

(SÉAL)

Printer's Fee

\$171.75

Published for

**HC Water Association** 

In reference to Jaketown Water Report

270019

27/19

# 2008 Annual Drinking Water Quality Report Humphreys County Water Association System #3 - Jaketown

### Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

### Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

#### Where does my water come from?

Our water is drawn from the Sparta Sand Aquifer by a well located on the west side of Highway 7 at the Jaketown community.

#### Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy of this plan is available upon request.

### Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

#### Other information:

If you want additional information about your drinking water or have questions concerning this report, you may contact us at 247-4145. If you would like to attend one of our regular monthly meetings, please call for the date and time of our meetings.

#### Additional Information for Lead:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Humphreys County Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601-576-7582 if you wish to have your water tested.

#### \*\*\*\*\*MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides, beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply at 601-576-7518.

### **Water Quality Data Table**

The following table lists all of the drinking water contaminants that we detected during the 2008 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data, presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

#### Terms and Abbreviations used in the Table

MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

#### **TEST RESULTS**

						_		
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit of Measure	MCLG	MCL	Likely Source of Contamination
Disinfectants								
(There is con	vincing evide	ence that add	lition of a dis	infectant is nece	ssary for con	trol of mic	robial conta	aminants)
Chlorine (as Cl2)	No	2008	1.28	0.70 - 1.45	ppm	4	4	Water additive used to control microbes
Inorganic Co	ntaminant	S					•	
Barium	No	2008	0.007	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	No	2008	0.002	0	ppm	0.1	0.1	Discharge from steel and pulp mills; erosion of natural deposits
Copper	No	2008	0.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	No	2008	1	1	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
Selenium	No	*2006	0.001	0	ppm	0.05	0.05	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Volatile Orga	nic Contar	ninants						
TTHM [Total trihalomethanes	No ]	2008	0.011	0	ppm	80.0	0.08	By-product of drinking water chlorination
HAA5 (Haloacetic Acids	No )	*2007	0.005	0	ppm	0.06	0.06	By-product of drinking water disinfection
			<del></del>					

<sup>\*</sup> No samples required in calender year 2008.

The above table only reports the contaminants that were found in our water. The following list of contaminants were tested for, in the vear indicated, and were not detected in our water:

Microbiological Contaminants:

Total Coliform Bacteria - tested for monthly

Fecal Coliform and E. Coli - tested for monthly

Inorganic Contaminants:

Antimony (2008), Arsenic (2008), Beryllium (2008), Cadmium (2008), Cyanide (2008), Fluoride (2008), Mercury (2008), Selenium (2008), Thallium (2008), Nitrate (2008), Nitrite (2008).

#### **Units Description:**

ppm: parts per million, or milligrams per liter (mg/l) ppb: parts per billion, or micrograms per liter (ug/l) pCi/l: picocuries per liter (a measure of radioactivity)

pCi/l: picocuries per liter (a measure of radioactivity)
% of monthly positive samples: Percent of samples taken monthly that were positive



# 2008 Annual Drinking Water Quality Report Humphreys County Water Association System #2 – Brooklyn

### Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

# Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

# Where does my water come from?

Our water is drawn from the Sparta Sand Aquifer by a well located in the Brooklyn community.

# Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy of this plan is available upon request.

# Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

# Other information:

If you want additional information about your drinking water or have questions concerning this report, you may contact us at 247-4145. If you would like to attend one of our regular monthly meetings, please call us for the date and time of our meetings.

# Additional Information for Lead:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Humphreys County Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

FROM: STERLING LONG FAX NO.: 6622471282 Jun. 29 2009 10:46AM P3

HCWA #2 - Brooklyn

#### Water Quality Data Table

The following table lists all of the drinking water contaminants that we detected during the 2008 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data, presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

#### Terms and Abbreviations used in the Table

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MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

#### TEST RESULTS

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Contaminant	Violatio n Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit of Measure	MCLG	MCL	Likely Source of Contamination
Inorganic Conta	aminants							41,444
Barium	No	2008	0.006	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	No	*2006	0.0007	0	ppm	0.1	0.1	Discharge from steel and pulp mills; erosion of natural deposit
Sclenium	No	*2006	0.001	Q.	ppm	0.05	0.05	Discharge from petroleum and metal refineries; crosion of natural deposits; discharge from mines
Volatile Organ	nic Contai	ninants	I					
TTHM [Total trihalomethanes]	No	2008	0.007	0	ррят	0.08	0.08	By-product of drinking water chlorination

<sup>\*</sup> No samples required in 2008.

The above table only reports the contaminants that were found in our water. The following list of contaminants were tested for, in the year indicated, and were not detected in our water:

Microbiological Contaminants:

Total Coliform Bacteria - tested for monthly Fecal Coliform and E. Coli - tested for monthly

Inorganic Contaminants:

Antimony (2008), Arsenic (2008), Beryllium (2008), Cadmium (2008), Cyanide (2008), Chremium (2008), Fluoride (2008), Mercury (2008), Selenium (2008), Thallium (2008), Nitrate (2008), Nitrite (2008).

#### Units Description:

ppm: parts per million, or milligrams per liter (mg/1)
ppb: parts per billion, or micrograms per liter (ug/l)
pCi/l: picocuries per liter (a measure of radioactivity)

% of monthly positive samples: Percent of samples taken monthly that were positive

27/20

# 2008 Annual Drinking Water Quality Report Humphreys County Water Association System #2 – Brooklyn

# Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

### Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

#### Where does my water come from?

Our water is drawn from the Sparta Sand Aquifer by a well located in the Brooklyn community.

#### Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy of this plan is available upon request.

### Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

#### Other information:

If you want additional information about your drinking water or have questions concerning this report, you may contact us at 247-4145. If you would like to attend one of our regular monthly meetings, please call us for the date and time of our meetings.

#### Additional Information for Lead:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Humphreys County Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601-576-7582 if you wish to have your water tested.

#### \*\*\*\*\*MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides, beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

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### **Water Quality Data Table**

The following table lists all of the drinking water contaminants that we detected during the 2008 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data, presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

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MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

#### **TEST RESULTS**

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Contaminant	Violatio n Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit of Measure	MCLG	MCL	Likely Source of Contamination
Disinfectants (	& Disinfed	ction By-Pr	oducts lition of a dis	infectant is nece	ssary for cont	rol of microl	oial contam	ninants)
Chlorine (as Cl2)	No	2008	1.90	0.85 - 2.06	ppm	4	4	Water additive used to control microbes
Inorganic Conta	aminants							
Barium	No	2008	0.006	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	No	*2006	0.0007	0	ppm	0.1	0.1	Discharge from steel and pulp mills; erosion of natural deposits
Selenium	No	*2006	0.001	0	ppm	0.05	0.05	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Volatile Organ	ic Contar	minants						
TTHM [Total trihalomethanes]	No	2008	0.007	0	ppm	0.08	0.08	By-product of drinking water chlorination

<sup>\*</sup> No samples required in 2008.

The above table only reports the contaminants that were found in our water. The following list of contaminants were tested for, in the year indicated, and were not detected in our water:

Microbiological Contaminants:

Total Coliform Bacteria - tested for monthly Fecal Coliform and E. Coli - tested for monthly

Inorganic Contaminants:

Antimony (2008), Arsenic (2008), Beryllium (2008), Cadmium (2008), Cyanide (2008), Chromium (2008), Fluoride (2008), Mercury (2008), Selenium (2008), Thallium (2008), Nitrate (2008), Nitrite (2008).

#### Units Description:

ppm: parts per million, or milligrams per liter (mg/1)

ppb: parts per billion, or micrograms per liter (ug/l) pCi/l: picocuries per liter (a measure of radioactivity)

% of monthly positive samples: Percent of samples taken monthly that were positive



# 2008 Annual Drinking Water Quality Report **Humphreys County Water Association** System #5 - Woodyard

Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hottine (800-426-4791).

Where does my water come from?

We buy our water from the City of Belzoni and their wells draw from the Sparta Sand Aquifer.

Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy of this plan is available upon request.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Other information:

If you want additional information about your drinking water or have questions concerning this report, you may contact us at 247-4145. If you would like to attend one of our regular monthly meetings, please call for the date and time of our meetings.

Additional Information for Lead:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Humphreys County Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

HCWA #5 - Woodyard

2

**Water Quality Data Table** 

The following table lists all of the drinking water contaminants that we detected during the 2008 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data, presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

#### Terms and Abbreviations used in the Table

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MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**TEST RESULTS** 

					COULID			
Contaminant	Violation Y/N	Date Collected	Level Defected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit of Measure	MCLG	MCL	Likely Source of Contamination
Inorganic Cor	ntaminants							
Barium	No	2008	0.009	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Copper	No	2008	0.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride	No	2008	1.26	0	ppm	4	4	Erosion of natural deposits, water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Lead	No	2008	0.001	1	ppm	0	AL=.015	Corrosion of household plumbing systems; erosion of natural deposits
Volatile Orga	inic Conta	minants				·		
TTHM (Total Tribalomethanes)	No	2008	0.003	O	ppm	80.0	0.08	By-product of drinking water chlorination
HAA5	No	2008	0.002	O	ppm	0.06	0.06	By-product of drinking water disinfection

<sup>\*</sup> No samples required in 2008.

The above table only reports the contaminants that were found in our water. The following list of contaminants were tested for, in the year indicated, and were not detected in our water:

Microbiological Contaminants:

Total Coliform Bacteria - tested for monthly Fecal Coliform and E. Coli - tested for monthly

Inorganic Contaminants:

Antimony (2008), Arsenic (2008), Beryllium (2008), Cadmium (2008), Chromium (2008), Cyanide (2008), Mercury (2008), Selenium (2008), Thallium (2008), Nitrate (2008), Nitrate (2008).

#### Units Description:

ppm: parts per million, or milligrams per liter (mg/1)
ppb: parts per billion, or micrograms per liter (ug/l)
pCi/l: picocuries per liter (a measure of radioactivity)

% of monthly positive samples: Percent of samples taken monthly that were positive

27/31

# 2008 Annual Drinking Water Quality Report Humphreys County Water Association System #5 - Woodyard

### Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

### Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

### Where does my water come from?

We buy our water from the City of Belzoni and their wells draw from the Sparta Sand Aquifer.

### Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy of this plan is available upon request.

### Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

#### Other information:

If you want additional information about your drinking water or have questions concerning this report, you may contact us at 247-4145. If you would like to attend one of our regular monthly meetings, please call for the date and time of our meetings.

#### Additional Information for Lead:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Humphreys County Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

### \*\*\*\*\*MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides, beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply at 601-576-7518.

### **Water Quality Data Table**

The following table lists all of the drinking water contaminants that we detected during the 2008 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data, presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

#### Terms and Abbreviations used in the Table

MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

#### **TEST RESULTS**

				1 20 1 13				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit of Measure	MCLG	MCL	Likely Source of Contamination
Disinfectant					_			
(There is co	nvincing evic	dence that add	<u>lition of a disir</u>	nfectant is necess	sary for contro	ol of microbi	al contamina	ints)
Chlorine (as Cl2)	No	2008	1.07	0.92 - 1.07	ppm	4	4	Water additive used to control microbes
Inorganic Co	ntaminants							
Barium	No	2008	0.009	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Copper	No	2008	0.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride	No	2008	1.26	0	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Lead	No	2008	0.001	1	ppm	0	AL=.015	Corrosion of household plumbing systems; erosion of natural deposits
Volatile Orga	anic Conta	minants						
TTHM [Total Trihalomethanes]	No	2008	0.003	0	ppm	0.08	0.08	By-product of drinking water chlorination
HAA5	No	2008	0.002	0	ppm	0.06	0.06	By-product of drinking water disinfection

<sup>\*</sup> No samples required in 2008.

The above table only reports the contaminants that were found in our water. The following list of contaminants were tested for, in the year indicated, and were not detected in our water:

Microbiological Contaminants:

Total Coliform Bacteria - tested for monthly

Fecal Coliform and E. Coli - tested for monthly

Inorganic Contaminants:

Antimony (2008), Arsenic (2008), Beryllium (2008), Cadmium (2008), Chromium (2008), Cyanide (2008), Mercury (2008), Selenium (2008), Thallium (2008), Nitrate (2008), Nitrite (2008).

#### Units Description:

ppm: parts per million, or milligrams per liter (mg/1)
ppb: parts per billion, or micrograms per liter (ug/l)
pCi/l: picocuries per liter (a measure of radioactivity)

% of monthly positive samples: Percent of samples taken monthly that were positive

Rec 6/26/09

# 2008 Annual Drinking Water Quality Report Humphreys County Water Association System #6 - Gooden Lake

27/22

### Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

### Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

### Where does my water come from?

Our water is drawn from the Sparta Sand Aquifer by a well located on 16th Section Road in the Gooden Lake community.

### Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy of this plan is available upon request.

### Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

#### Other information:

If you want additional information about your drinking water or have questions concerning this report, you may contact us at 247-4145. If you would like to attend one of our regular monthly meetings, please call for the date and time of our meetings.

### **Water Quality Data Table**

The following table lists all of the drinking water contaminants that we detected during the 2008 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data, presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

#### Terms and Abbreviations used in the Table

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MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

				TEST F	RESULTS	3		
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit of Measure	MCLG	MCL	Likely Source of Contamination
norganic Co	ntaminant	S						
Barium	No	2008	0.001	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	No	*2006	0.0008	0	ppm	0.1	0.1	Discharge from steel and pulp mills; erosion of natural deposits
Copper	No	2008	0.0258	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride	No	2008	0.147	0	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Lead	No	2008	0.0006	1	ppm	0	AL=.015	Corrosion of household plumbing systems; erosion o natural deposits
Selenium	No	2008	0.001	0	ppm	0.05	0.05	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
/olatile Orga								
TTHM [Total Trihalomethanes		2008	0.004	0	ppm	0.08	0.08	By-product of drinking water chlorination
HAA5 (Haloacetic Acid	s) No	*2007	0.009	0	ppm	0.06	0.06	By-product of drinking water disinfection

<sup>\*</sup> No samples required in 2008.

The above table only reports the contaminants that were found in our water. The following list of contaminants were tested for, in the year indicated, and were not detected in our water:

Microbiological Contaminants:

Total Coliform Bacteria - tested for monthly

Fecal Coliform and E. Coli - tested for monthly

Inorganic Contaminants:

Antimony (2008), Arsenic (2008), Beryllium (2008), Cadmium (2008), Chromium (2008), Cyanide (2008), Mercury (2008), Thallium (2008), Nitrate (2008), Nitrite (2008).

#### **Units Description:**

ppm: parts per million, or milligrams per liter (mg/1) ppb: parts per billion, or micrograms per liter (ug/l) pCi/l: picocuries per liter (a measure of radioactivity)

% of monthly positive samples: Percent of samples taken monthly that were positive

#### Cockrell, Joan

From:

Parker, Melissa

Sent:

Friday, June 26, 2009 9:40 AM

To:

Cockrell, Joan

Subject: FW: CCR

#### Here are his CCRs.

----Original Message----

From: Guy Long [mailto:guylongcpa@yahoo.com]

Sent: Thursday, June 25, 2009 7:05 PM

To: Parker, Melissa Subject: Re: CCR

Thanks Melissa,

Attached are the 3 CCRs (Midnight - ID# 270018, Jaketown - ID# 270019, & Gooden Lake - ID# 270022). I will mail the certification forms with proof of publication as soon as I receive the proof from the paper. Also, we have 4 other systems that I will mail the CCRs with certification forms. I really appreciate you working with us to get this taken care of.

Thanks again Guy Long

From: "Parker, Melissa" < Melissa. Parker@msdh.state.ms.us >

To: Guy Long <guylongcpa@yahoo.com>

Cc: "Walters, Karen" <Karen.Walters@msdh.state.ms.us>; "Cockrell, Joan" <Joan.Cockrell@msdh.state.ms.us>

**Sent:** Wednesday, June 24, 2009 5:07:23 PM

Subject: RE: CCR

Thanks for the email Guy. We'll take care of it on our end. Go ahead and get us a copy of the report. Either email or fax and we'll get it logged in. We'll get your certification when you get it run in the paper.

Joan, take Guy off the hit list.

#### Melissa

----Original Message----

From: Guy Long [mailto:guylongcpa@yahoo.com]

Sent: Wednesday, June 24, 2009 4:40 PM

**To:** Parker, Melissa **Subject:** CCR

Hey Melissa,

The Humphreys County W/A has 3 systems that need to run the CCR in the newspaper. However, we have missed the deadline to get it in the local paper due to email malfunctions. The paper said they did not receive our email. The cutoff to run ads is on Monday morning, with the paper being delivered on Thursday. I can get the ads in the paper next week for July 2 delivery. Please email me back.

Thanks

#### PROOF OF PUBLICATION OF NOTICE

State of Mississippi County of Humphreys

SS

Before me, the undersigned authority, in and for the County and State aforesaid, this day personally appeared, Julian Toney III, who being by me first duly sworn, states on his oath that he is the Publisher of THE BELZONI BANNER, a weekly newspaper, published in the City of Belzoni, in the County and State aforesaid; and affiant further states that said newspaper has been established and has been continuously published in the City, County and State aforesaid for more than ten years next prior to the first publication of the notice, copy of which is hereto attached; and affiant further states that the publication of said notice, copy of which is attached hereto, has been made in said newspaper number of times and number of words as follows, to-wit:

**TIMES** 

**WORDS** 

1

Volume No. **Dated** 

101

24

July 1, 2009

Sworn to and subscribed before me this the

day of 🥒 July, 2009

Printer's Fee

\$171.75

Published for

**HC Water Association** 

In reference to Gooden Lake Water Report

27/22

# 2008 Annual Drinking Water Quality Report Humphreys County Water Association System #6 - Gooden Lake

### Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

### Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

### Where does my water come from?

Our water is drawn from the Sparta Sand Aquifer by a well located on 16th Section Road in the Gooden Lake community.

### Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy of this plan is available upon request.

# Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

#### Other information:

If you want additional information about your drinking water or have questions concerning this report, you may contact us at 247-4145. If you would like to attend one of our regular monthly meetings, please call for the date and time of our meetings.

#### Additional Information for Lead:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Humphreys County Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

### Monitoring and reporting of compliance data violations:

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. Our water system failed to complete these monitoring requirements in May 2005. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

#### \*\*\*\*\*MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides, beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply at 601-576-7518.

### **Water Quality Data Table**

The following table lists all of the drinking water contaminants that we detected during the 2008 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data, presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

#### Terms and Abbreviations used in the Table

MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

#### **TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit of Measure	MCLG	MCL	Likely Source of Contamination
Disinfectants								
				infectant is nece				
Chlorine (as Cl2)	No	2008	1.77	1.03 - 1.94	ppm	4	4	Water additive used to control microbes
Inorganic Co	ntaminants	S						
Barium	No	2008	0.001	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	No	*2006	0.0008	0	ppm	0.1	0.1	Discharge from steel and pulp mills; erosion of natural deposits
Copper	No	2008	0.0258	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride	No	2008	0.147	0	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Lead	No	2008	0.0006	1	ppm	0	AL=.015	Corrosion of household plumbing systems; erosion of natural deposits
Selenium	No	2008	0.001	0	ppm	0.05	0.05	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Volatile Orga	ınic Contar	ninants					<del></del>	
TTHM [Total Trihalomethane	No	2008	0.004	0	ppm	0.08	0.08	By-product of drinking water chlorination
HAA5 (Haloacetic Acid	No is)	*2007	0.009	0	ppm	0.06	0.06	By-product of drinking water disinfection

<sup>\*</sup> No samples required in 2008.

HCWA #6 - Gooden Lake

The above table only reports the contaminants that were found in our water. The following list of contaminants were tested for, in the year indicated, and were not detected in our water:

Microbiological Contaminants:

Total Coliform Bacteria - tested for monthly Fecal Coliform and E. Coli - tested for monthly

Inorganic Contaminants:

Antimony (2008), Arsenic (2008), Beryllium (2008), Cadmium (2008), Chromium (2008), Cyanide (2008), Mercury (2008), Thallium (2008), Nitrate (2008), Nitrite (2008).

#### **Units Description:**

ppm: parts per million, or milligrams per liter (mg/1)
ppb: parts per billion, or micrograms per liter (ug/l)
pCi/l: picocuries per liter (a measure of radioactivity)

% of monthly positive samples: Percent of samples taken monthly that were positive

# 2008 Annual Drinking Water Quality Report **Humphreys County Water Association** System #7 - Tchula Lake

Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippì State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Where does my water come from?

Our water is drawn from the Sparta Sand Aquifer by a well located on Boone Deaden Road.

Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy of this plan is available upon request.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Other information:

If you want additional information about your drinking water or have questions concerning this report, you may contact us at 247-4145. if you would like to attend one of our regular monthly meetings, please call for the date and time of our meetings.

Additional Information for Lead:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Humphreys County Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

HCWA #7 -- Tchula Lake

2

### Water Quality Data Table

The following table lists all of the drinking water contaminants that we detected during the 2008 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data, presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

#### Terms and Abbreviations used in the Table

MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

TEST RESULTS

				1 1-7: 1/2	- 10° 10° 10° 10° 10° 10° 10° 10° 10° 10°			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit of Measure	MCLG	MCL	Likely Source of Contamination
Inorganic Contai	minants							
Barium	No	2008	0.006	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Copper	No	*2006	0.792	0	ppm	1.3	AL = 1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	No	*2006	0.001	0	ppm	O	AL = 0.015	Corrosion of household plumbing systems; erosion of natural deposits
Volatile Organi	c Contami	nants			W			
TTHM (Total Tribalomethanes)	No	2008	0.006	Ö	ppm	80.0	80.0	By-product of drinking water chlorination
HAA5	No	2008	0.000	0	ppm	0.06	0.06	By-product of drinking water disinfection

<sup>\*</sup> No samples required in 2008.

The above table only reports the contaminants that were found in our water. The following list of contaminants were tested for, in the year indicated, and were not detected in our water:

Microbiological Contaminants:

Total Coliform Bacteria - tested for monthly Fecal Coliform and E. Coli - tested for monthly

Inorganic Contaminants:

Antimony (2008), Arsenic (2008), Beryllium (2008), Cadmium (2008), Chromium (2008), Cyanide (2008), Fluoride (2008), Mercury (2008), Selenium (2008). Thallium (2008), Nitrate (2008), Nitrate (2008).

#### Units Description:

ppm: parts per million, or milligrams per liter (mg/1)

ppb; parts per billion, or micrograms per liter (ug/l)

pCi/I: picocuries per liter (a measure of radioactivity)

% of monthly positive samples. Percent of samples taken monthly that were positive

The 2008 Consumer Confidence Report is now available upon request.

37/24

# 2008 Annual Drinking Water Quality Report Humphreys County Water Association System #7 – Tchula Lake

### Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Mississippi State Department of Health drinking water standards. We vigilantly safeguard our water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

### Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

### Where does my water come from?

Our water is drawn from the Sparta Sand Aquifer by a well located on Boone Deaden Road.

### Source water assessment and its availability:

Our source water assessment has been completed. Our well was ranked moderate in terms of susceptibility to contamination. A copy of this plan is available upon request.

### Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

#### Other information:

If you want additional information about your drinking water or have questions concerning this report, you may contact us at 247-4145. If you would like to attend one of our regular monthly meetings, please call for the date and time of our meetings.

#### Additional Information for Lead:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Humphreys County Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601-576-7582 if you wish to have your water tested.

#### \*\*\*\*\*MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides, beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply at 601-576-7518.

### **Water Quality Data Table**

The following table lists all of the drinking water contaminants that we detected during the 2008 calendar year. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data, presented in this table is from testing done in the calendar year of the report. The EPA and the Mississippi State Department of Health requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

#### Terms and Abbreviations used in the Table

MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

#### **TEST RESULTS**

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Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit of Measure	MCLG	MCL	Likely Source of Contamination
Disinfectants 8	Disinfecti	on By-Prod	lucts					
(There is convi	ncing evidend	ce that addition	on of a disinfe	ectant is necess	ary for contro	of microb	ial contam	
Chlorine (as Cl2)	No	2008	2.14	0.95 – 2.31	ppm	4	4	Water additive used to control microbes
Inorganic Conta	minants							
Barium	No	2008	0.006	0	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Copper	No	*2006	0.792	0	ppm	1.3	AL = 1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	No	*2006	0.001	0	ppm	0	AL = 0.015	Corrosion of household plumbing systems; erosion of natural deposits
Volatile Organi	c Contami	nants						
TTHM [Total Trihalomethanes]	No	2008	0.006	0	ppm	0.08	0.08	By-product of drinking water chlorination
HAA5	No	2008	0.000	0	ppm	0.06	0.06	By-product of drinking water disinfection

<sup>\*</sup> No samples required in 2008.

The above table only reports the contaminants that were found in our water. The following list of contaminants were tested for, in the year indicated, and were not detected in our water:

Microbiological Contaminants:

Total Coliform Bacteria - tested for monthly Fecal Coliform and E. Coli - tested for monthly

Inorganic Contaminants:

Antimony (2008), Arsenic (2008), Beryllium (2008), Cadmium (2008), Chromium (2008), Cyanide (2008), Fluoride (2008), Mercury (2008), Selenium (2008). Thallium (2008), Nitrate (2008), Nitrite (2008).

#### Units Description:

ppm: parts per million, or milligrams per liter (mg/1) ppb: parts per billion, or micrograms per liter (ug/l) pCi/l: picocuries per liter (a measure of radioactivity)

% of monthly positive samples: Percent of samples taken monthly that were positive

# 2008 CCR Contact Information

Date: 7/10/09	Time: 4, りつ
PWSID: 270018, 270019, 2700	22,270020,27002
System Name: Aumohaus G U	
Lead/Copper Language MSDH Mes	ssage re: Radiological Lab
70022 MRDL Violation Chlor	ine Residual (MRDL) RAA
5/05 Other Violation(s)	
Will correct report & mail copy marked "corrected copy Will notify customers of availability of corrected report of	
WILL DO CORRECTED COPY AND N CUSTOMERS OF AVAILABLE CORR REPORT ON WATER BILL OR LETTE AND SEND US A COPY.	ECIED
Spoke with Owner, Secretary)	1062 836-7874 662 347-1280 Tax
Linda Long Secretary	WWO 00 11-146.00
Spoke With Sterling Long In Doctors office will carr back	9/8/09 SECOND ATTEMPT